

Center for Solid Waste Recycling

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Established 1991. The separation of recyclables from waste streams is currently a hand process. A prototype machine has been developed that will collect and transform polystyrene (gathered from waste streams) into raw material suitable for manufacturing a variety of consumer products. There is no automated equipment for the collection of polystyrene on the market at the present time.

Overview	Technologies	Status	Economic Impact
<p>Current State Contract \$50,000</p> <p>FY92 Matching Funds \$106,000</p> <p>Cumulative Match .. \$260,000</p> <p>Total Jobs Created 4</p> <p>Industry 0</p> <p>Center 4</p> <p>Direct Center Spin-offs 0</p> <p>Total Benefiting Utah Companies 1</p> <p>Patents Applied 1</p> <p>Patents Issued 0</p> <p>License Agreements 0</p>	<p>* Designed, refined and fabricated automated equipment for removing polystyrene from predictable waste streams.</p> <p>* Polystyrene sortation and densification</p>	<p>* The second phase automated equipment has been installed in a recycling plant for field test and evaluation</p> <p>* Patent application filed</p> <p>* Automatic Densifier ready for production</p>	<p>* Preliminary work on a license agreement has begun</p> <p>* Working closely with Huntsman Chemical</p>

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